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| APPROVED | O.G. FIG. | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

| | |
|--|-----|
| CCGGGA_GGTCTCTGGGCTGAGGCGGCACAGCTCCTCTAGTTCACCA ATG TCCGCGGGC | 59 |
| | |
| CCGGGACGGTCTCTAGGCTGAGGCGGC GGCCGCTCCTCTAGTTCACAA ATG TCCACGGGC | 82 |
| | |
| GGAGACTTCGGAATCCGCTGAGGAAATTCAGCTGGTGTTCCTGGGGGAGCAAAGCGTT | 119 |
| | |
| GGAGACTTCGGAATCCGCTGAGGAAATTCAGCTGGTGTTCCTGGGGGAGCAAAGCGTT | 142 |
| | |
| GCAAAGACATCTTTGATCACCAGATTCAGGTATGACAGTTTTTGACAACACCTATCAGGCA | 179 |
| | |
| GGAAAGACATCTTTGATCACCAGATTCATGTATGACAGTTTTTGACAACACCTATCAGGCA | 202 |
| | |
| ATAATTGGCATTGACTTTTTTATCAAAAATATGTACTTGGAGGATGGAACAATCGGGCTT | 239 |
| | |
| ACAATTGGCATTGACTTTTTTATCAAAAATATGTACTTGGAGGATCGAACAGTACGATTG | 262 |
| | |
| CGGCTGTGGGATACGGCGGGTCAGGAACGTCTCCGTAGCCTCATTCCCAGGTACATCCGT | 299 |
| | |
| CAATTATGGGACACAGCAGGTCAAGAGCGGTTCAAGGAGCTTGATTCCCTAGCTACATTCGT | 322 |
| | |
| GATTCTGCTGCAGCTGTAGTAGTTTACGATATCACAAATGTTAACTCATTCCAGCAAAC | 359 |
| | |
| GACTCCACTGTGGCAGTTGTTGTTTATGATATCACAAATGTTAACTCATTCCAGCAAAC | 382 |

FIG. 1a

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| APPROVED | O.G. FIG. | |
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ACAAAGTGGATTGATGATGTCAGAACAGAAAGAGGAAGTGATGTTATCATCACGCTAGTA 419
|||||
ACAAAGTGGATTGATGATGTCAGAACAGAAAGAGGAAGTGATGTTATCATCATGCTAGTA 442

GGAAATAGAACAGATCTTGCTGACAAGAGGCAAGTGTCAGTTGAGGAGGGAGAGAGGAAA 479
|||||
GGAAATAAAACAGATCTTGCTGACAAGAGGCAAGTGTCATTGAGGAGGGAGAGAGGAAA 502

GCCAAAGGGCTGAATGTTACGTTTATTGAAACTAGGGCAAAAAGCTGGATACAATGTAAAG 539
|||||
GCCAAAGAGCTGAATGTTATGTTTATTGAAACTAGTGCAAAGCTGGATACAATGTAAAG 562

CAGCTCTTTCGACGTGTAGCAGCAGCTTTGCCGGGAATGGAAAGCACACAGGACGGAAGC 599
|||||
CAGCTCTTTCGACGTGTAGCAGCAGCTTTGCCGGGAATGGAAAGCACACAGGACAGAAGC 622

AGAGAAGACATGAGTGACATAAAAGCTGGAAAAGCCTCAGGAGCAAACAGTCAGCGAAGGG 659
|||||
AGAGAAGATATGATTGACATAAAAGCTGGAAAAGCCTCAGGAGCAACCAGTCAGTGAAGGA 682

GGTTGTTTCCTGCTACTCTCCCATGTCATCTTCAACCCTTCCTCAGAAGCCCCCTTACTCT 719
||
GGCTGTTTCCTGCTAATGTCCCTAGTCATCTTCAACC_TTCTTCAGAAGCTCACT_GCTTT 740

FIG.1b

| | | |
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| APPROVED | O.G. FIG. | |
| BY | CLASS | SUBCLASS |
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| | |
|--|-----|
| MSAGGDFGNPLRKFKLVFLGEQSVAKTSLITRFYDSFDNTYQAIIGIDFLSKTMYLEDG | 60 |
| MS GGDFGNPLRKFKLVFLGEQSV KTS�ITRF YDSFDNTYQA IGIDFLSKTMYLED | |
| MSTGGDFGNPLRKFKLVFLGEQSVGKTS�ITRFMYDSFDNTYQATIGIDFLSKTMYLEDR | 60 |
| | |
| TIGRLWDTAGQERLRS�IPRYIRDSAAVVVYDITNVNSFQQTTKWIDDVRTERGSDVI | 120 |
| T+ L+LWDTAGQER RSLIP YIRDS AVVVYDITNVNSFQQTTKWIDDVRTERGSDVI | |
| TVRLQLWDTAGQERFRSLIPSYIRDSTVAVVVYDITNVNSFQQTTKWIDDVRTERGSDVI | 120 |
| | |
| ITLVGNRTDLADKRQVSVEEGERKAKGLNVTFIETRAKTGYNVKQLFRRVAAALPGMEST | 180 |
| I LVGN+TDLADKRQVS+EEGERKAK LNV FIET AK GYNVKQLFRRVAAALPGMEST | |
| IMLVGNKTDLADKRQVSIEEGERKAKELNVMFIETSAKAGYNVKQLFRRVAAALPGMEST | 180 |
| | |
| QDGSREDMSDIKLEKPQEQTVSEGGCSC | 208 |
| QD SREDM DIKLEKPQEQ VSEGGCSC | |
| QDRSREDMIDIKLEKPQEQPVSEGGCSC | 208 |

FIG. 2

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| APPROVED | O.G. FIG. | |
| BY | CLASS | SUBCLASS |
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AGCTGGCTGGAGCAGCATCGGTCCGGGA_GGTCTCTAGGCTGAGGCGGCGGCCGCTCCTC 409
|||||
AGCTGGCTGGAGCAGCATCGGTCCGGGACGGTCTCTAGGCTGAGGCGGCGGCCGCTCCTC 60

TAGTTCCACAATGTCCACGGGCGGAGACTTCGGGAATCCGCTGAGGAAATTCAAGCTGGT 469
|||||
TAGTTCCACAATGTCCACGGGCGGAGACTTCGGGAATCCGCTGAGGAAATTCAAGCTGGT 120

GTTCTGGGGGAGCAAAGCGTTGAAAGACATCTTTGATCACCAGATTCATGTATGACAG 529
|||||
GTTCTGGGGGAGCAAAGCGTTGAAAGACATCTTTGATCACCAGATTCATGTATGACAG 180

TTTTGACAACACCTATCAGGCAACAATTGGCATTGACTTTTTATCAAAAACCTATGTACTT 589
|||||
TTTTGACAACACCTATCAGGCAACAATTGGCATTGACTTTTTATCAAAAACCTATGTACTT 240

GGAGGATCGAACAATCAGGCTTCAGCTGTGGGATACTGCGGGTCAGGAACGTTTCCGTAG 649
|||||
GGAGGATCGAACAGTACGATTGCAATTATGGGACACAGCAGGTCAAGAGCGGTTCAGGAG 300

CCTCATTCCCAGTTACATCCGTGATTCTGCTGCAGCTGTAGTAGTTTACGATATCACAAA 709
|||
CTTGATTCCCTAGCTACATTTCGTGACTCCACTGTGGCAGTTGTTGTTTATGATATCACAAA 360

TGTAACTCATTCCAGCAAACCTACAAAGTGGATTGATGATGTCAGAACAGAAAGAGGAAG 769
|||||
TGTAACTCATTCCAGCAAACCTACAAAGTGGATTGATGATGTCAGAACAGAAAGAGGAAG 420

FIG. 3a

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| APPROVED | O.G. FIG. | |
| BY | CLASS | SUBCLASS |
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TGATGTTATCATCATGCTAGTAGGAAATAAAACAGATCTTGCTGACAAGAGGCAAGTGTC 829
 |||
 TGATGTTATCATCATGCTAGTAGGAAATAAAACAGATCTTGCTGACAAGAGGCAAGTGTC 480

AATTGAGGAGGGAGAGAGGAAAGCCAAAGAGCTGAATGTTATGTTTATTGAAACTAGTGC 889
 |||
 AATTGAGGAGGGAGAGAGGAAAGCCAAAGAGCTGAATGTTATGTTTATTGAAACTAGTGC 540

AAAAGCTGGATACAATGTAAAGCAGCTCTTTCGACGTGTAGCAGCAGCTTTGCCGGAAT 949
 |||
 AAAAGCTGGATACAATGTAAAGCAGCTCTTTCGACGTGTAGCAGCAGCTTTGCCGGAAT 600

GGAAAGCACACAGGACAGAAGCAGAGAAGATATGATTGACATAAAACTGGAAAAGCCTCA 1009
 |||
 GGAAAGCACACAGGACAGAAGCAGAGAAGATATGATTGACATAAAACTGGAAAAGCCTCA 660

GGAGCAACCAGTCAGTGAAGGAGGCTGTTCCCTGCTAACTCTCCCATGTCATCTTCAACCTT 1069
 |||
 GGAGCAACCAGTCAGTGAAGGAGGCTGTTCCCTGCTAACTCTCCCATGTCATCTTCAACCTT 720

CTTCAGAAGCTCACTGCTTT 1089
 |||
 CTTCAGAAGCTCACTGCTTT 740

FIG. 3b

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| APPROVED | O.G. FIG. | |
| BY | CLASS | SUBCLASS |
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| | |
|--|-----|
| MSTGGDFGNPLRKFKLVFLGEQSVGKTSLITRFMYDSFDNTYQATIGIDFLSKTMYLEDR | 60 |
| MSTGGDFGNPLRKFKLVFLGEQSVGKTSLITRFMYDSFDNTYQATIGIDFLSKTMYLEDR | |
| MSTGGDFGNPLRKFKLVFLGEQSVGKTSLITRFMYDSFDNTYQATIGIDFLSKTMYLEDR | 60 |
| | |
| TIRLQLWDTAGQERFRSLIPSYIRDSAAVVVYDITNVNSFQOTTKWIDDVRTERGSDVI | 120 |
| T+RLQLWDTAGQERFRSLIPSYIRDS AVVVYDITNVNSFQOTTKWIDDVRTERGSDVI | |
| TVRLQLWDTAGQERFRSLIPSYIRDSTVAVVVYDITNVNSFQOTTKWIDDVRTERGSDVI | 120 |
| | |
| IMLVGNKTDLADKRQVSIIEGERKAKELNVMFIETSAKAGYNVKQLFRRVAAALPGMEST | 180 |
| IMLVGNKTDLADKRQVSIIEGERKAKELNVMFIETSAKAGYNVKQLFRRVAAALPGMEST | |
| IMLVGNKTDLADKRQVSIIEGERKAKELNVMFIETSAKAGYNVKQLFRRVAAALPGMEST | 180 |
| | |
| QDRSREDMIDIKLEKPQEQPVSEGGCSC | 208 |
| QDRSREDMIDIKLEKPQEQPVSEGGCSC | |
| QDRSREDMIDIKLEKPQEQPVSEGGCSC | 208 |

FIG. 4

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| APPROVED | O.G. FIG. | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

A W

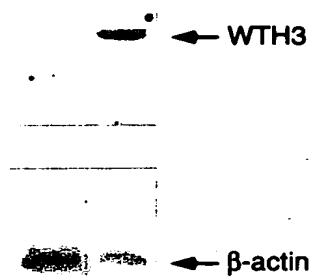


FIG. 5

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| APPROVED | O.G. FIG. | |
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| DRAFTSMAN | | |

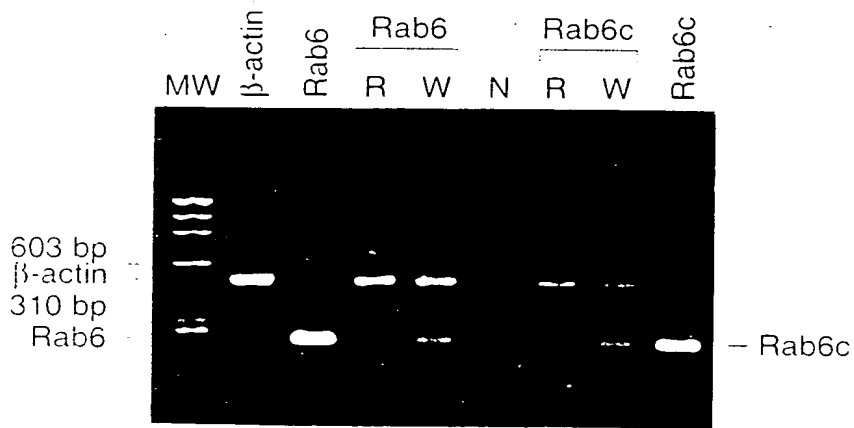


FIG. 7

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| APPROVED | O.G. FIG. | |
| BY | CLASS | SUBCLASS |
| DRAFTSMAN | | |

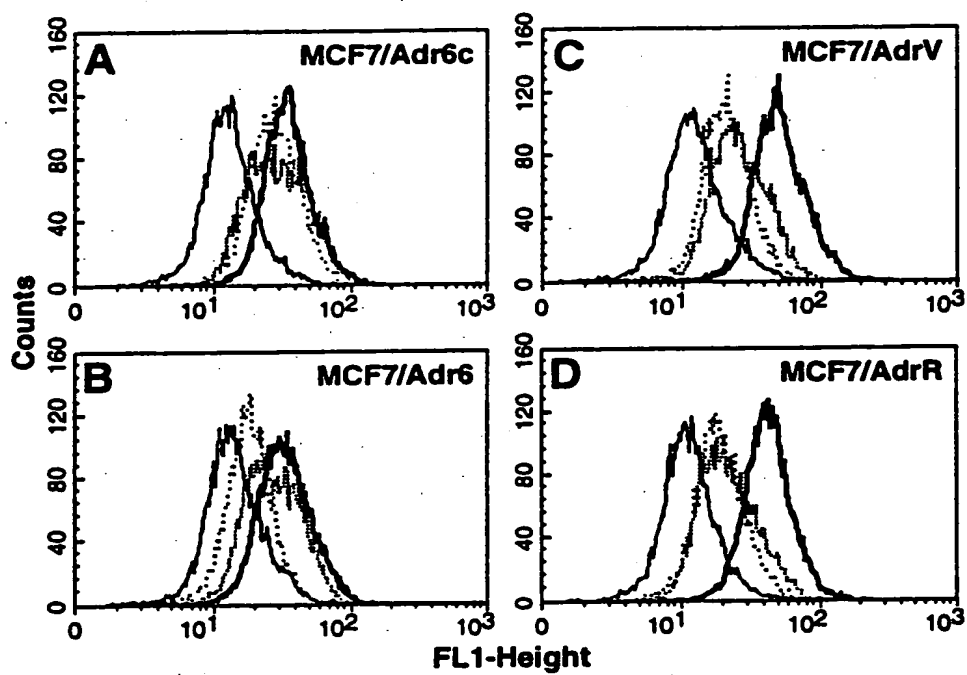


FIG. 8

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| APPROVED | O.G. FIG. | |
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| DRAFTSMAN | | |

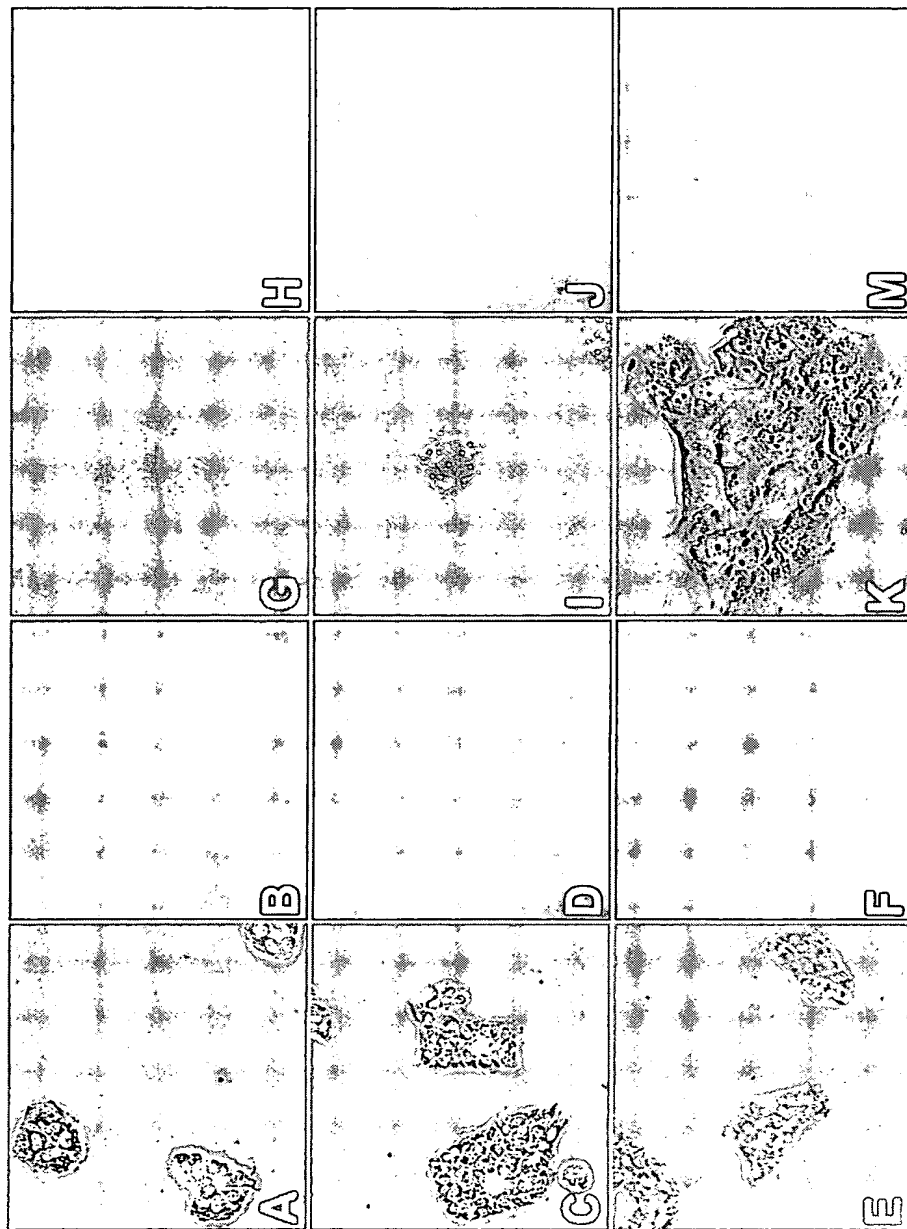


FIG. 9

004485 111800

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| APPROVED | O.G. FIG. | |
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| DRAFTSMAN | | |

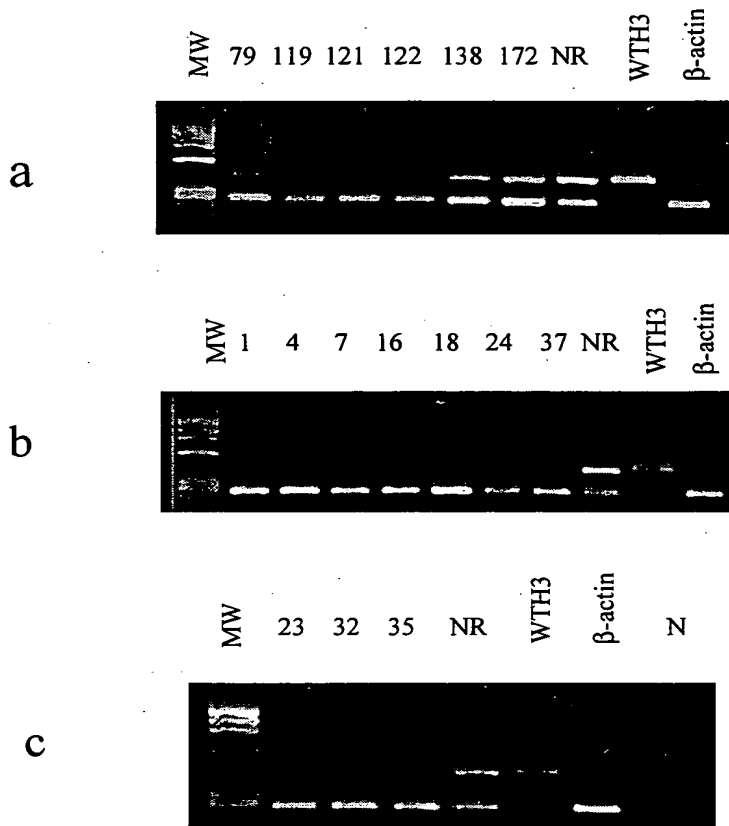


FIG. 10